



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/066,954	02/04/2002	David Frederick Lewin	24895B	6057

22889 7590 04/30/2003

OWENS CORNING  
2790 COLUMBUS ROAD  
GRANVILLE, OH 43023

EXAMINER
----------

FOSTER, JIMMY G

ART UNIT	PAPER NUMBER
----------	--------------

3728

DATE MAILED: 04/30/2003

10

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
10/066,954

Applicant(s)  
Lewin et al.

Examiner  
Jimmy G. Foster

Art Unit  
3728



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE three MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Feb 20, 2003
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 15-18 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 15-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_ 6) ☐ Other:

Art Unit: 3728

1. The amendment to claim 16 is objected to since "be" should be "the" and since the amendment did not indicate a replacement.

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --  
(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 15-17 are finally rejected under 35 U.S.C. § 102(b) as being anticipated by Ingemansson et al (4,569,471). In the reference of Ingemansson et al, glass strands are fed into a muffler outer cylinder 14. As the strands are fed they are blown with a nozzle 9, causing the threads to blow apart so as to form a wool-like texture (col. 3, lines 40-44). Accordingly, the filled strand is texturized. After the glass strands have been deposited into the outer cylinder, a cover plate is temporarily placed over the opening of the cylinder (col. 3, line 67 through col. 4, line 7). Figures 1 and 3 show that the "wool" includes looped/coiled fibers. The length of the outer cylinder 14 becomes filled with the coiled strand (Fig. 1). Inasmuch as the length of the muffler is a much greater dimension than a strand loop/coil, the deposit of the strand will be in multiple layers, as shown in Figures 1 and 3.

The examiner asserts that the outer cylinder 14 of the muffler constitutes a container since it will contain the strand. The examiner further asserts that the cover plate described constitutes a removable cover since it is temporarily

Art Unit: 3728

placed and since its placement will prevent loss of strand (due to expansion).

4. The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 15-17 are finally rejected under 35 U.S.C. § 103(a) as being unpatentable over Ingemansson et al (4,569,471) in view of Mattis (3,966,877). The reference of Ingemansson et al also discloses that by using the apparatus (which texturizes and coils the strand) the glass "wool" (blown apart strand) may be blown directly into a package instead of a muffler, for the mere production of the wool (col. 4, lines 35-39). Although the reference of Ingemansson et al may not disclose a package closure, the reference of Mattis et al suggests, at the flaps of Figures 2 and 3 and at the abstract of the reference, that a container for strand may be provided with a closure, which is closed by gummed tape, for closing the container after filling, suitable for the purpose of storing and transporting the strand. The closure is inherently removable by cutting the tape so as to open the flaps. Accordingly, it would have been obvious in view of Mattis to have provided the package of Ingemansson et al with a closure in the form of closure flaps, making the package suitable for storage and transportation.

Art Unit: 3728

6. Claim 18 is finally rejected under 35 U.S.C. 103(a) as being unpatentable over the Ingemansson et al in view of Mattis as applied to claim 15 above, and further in view of Galanes (3,670,949). The reference of Galanes at column 4, lines 55-64 suggests that corrugated cardboard is a suitable material in cartons for giving the walls of the cartons strength. Accordingly, it would have been obvious in view of Galanes to have made the carton of Ingemansson et al, as modified above, of corrugated cardboard to give the carton strength.

7. The arguments filed on February 4, 2003 have been considered but are moot in view of the new grounds of rejection which are necessitated by Applicant's amendment.

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 C.F.R. § 1.136(a).

A SHORTENED STATUTORY PERIOD FOR RESPONSE TO THIS FINAL ACTION IS SET TO EXPIRE THREE MONTHS FROM THE DATE OF THIS ACTION. IN THE EVENT A FIRST RESPONSE IS FILED WITHIN TWO MONTHS OF THE MAILING DATE OF THIS FINAL ACTION AND THE ADVISORY ACTION IS NOT MAILED UNTIL AFTER THE END OF THE THREE-MONTH SHORTENED STATUTORY PERIOD, THEN THE SHORTENED STATUTORY PERIOD WILL EXPIRE ON THE DATE THE ADVISORY ACTION IS MAILED, AND ANY EXTENSION FEE PURSUANT TO 37 C.F.R. § 1.136(a) WILL BE CALCULATED FROM THE MAILING DATE OF THE ADVISORY ACTION. IN NO EVENT WILL THE STATUTORY PERIOD FOR RESPONSE EXPIRE LATER THAN SIX MONTHS FROM THE DATE OF THIS FINAL ACTION.

For contacting the PTO by phone, the following contact numbers may be used:

For tracking of papers and association of papers with cases --  
Customer Service. . . (703)306-5648  
\*\*\*

For matters regarding examination -- Examiner:  
Jim Foster . . . . . (703)308-1505  
\*\*\*

For faxing of correspondence:

Serial Number: 10/066,954

-5-

Art Unit: 3728

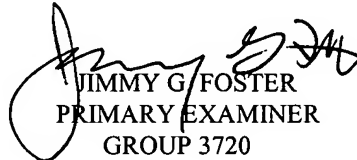
DRAFT Fax amendments only-(703)308-7769  
(Examiner should be notified of fax)

FORMAL Fax correspondence-(703)305-3579 or 305-3580

RIGHT FAX- Before Final . . (703) 872-9302  
After Final . . . (703) 872-9303  
(The examiner ordinarily will not retrieve  
formal correspondence)  
\*\*\*

For petitions:

Before the Examiner . (703)308-1505  
Before the Group Director . (703)308-3872  
Other petitions . . . (703)305-9282

  
JIMMY G FOSTER  
PRIMARY EXAMINER  
GROUP 3720

JGF  
April 29, 2003